

Cross Roller Tables

Counterbored Holes / Tapped Holes

Part numbers have been changed since the 2010 catalog. Significant 20% price reduction (compared to '09 products).

Counterbored Holes



RoHS10

Tapped Holes

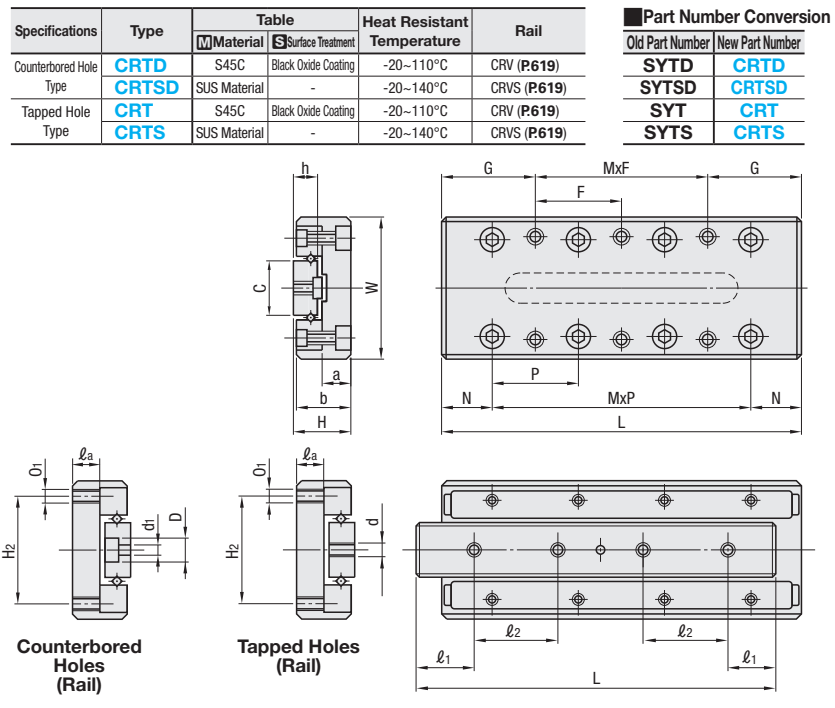


RoHS10

Specifications such as installation dimensions and accuracies are the same as those of products with old part numbers.

Handle with Care

Cross Roller Tables are extremely vulnerable to impacts. Dropping it or applying extra force will impair its sliding performance. Please handle it with utmost care.



Part Number Conversion

Old Part Number	New Part Number
SYTD	CRTD
SYTSD	CRTSD
SYT	CRT
SYTS	CRTS

Cross Roller Tables

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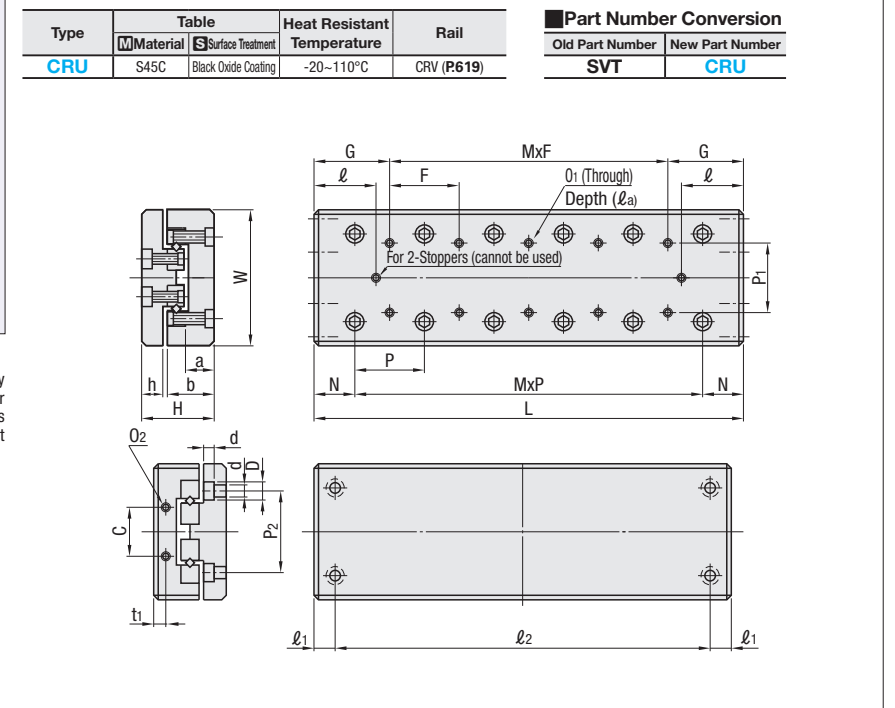


RoHS10

Specifications such as installation dimensions and accuracies are the same as those of products with old part numbers.

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Cross Roller Tables are extremely vulnerable to impacts. Dropping it or applying extra force will impair its sliding performance. Please handle it with utmost care.



Part Number Conversion

Old Part Number	New Part Number
SVT	CRU

Part Number	Outline Dimensions			Table Mounting Hole Dimensions				Table Top Dimensions		Side Dimensions		Rail Mounting Hole Dimensions																	
	Type	No.	Stroke (Reciprocating Motion)	H	W	L	G	F	MxF	H2	O1	la	N	P	MxP	a	b	h	C	d1	D	l1	l2	Mounting Hole Qty.	d	l1	l2	Mounting Hole Qty.	
Counterbored Holes CRTD CRTSD Tapped Holes CRT CRTS	1025	12	12	8±0.1	20±0.1	25	3.5	18	1x18	14	M2.6	3	7.5	10	1x10	3.5	7.5	4	6.6	2.5	4.1	3.5	-	2	M2.6	5	7.5	3	18
	1035	18	18	8±0.1	20±0.1	35	4.5	28	1x28	14	M2.6	3	7.5	10	2x10	3.5	7.5	4	6.6	2.5	4.1	5	-	2	M2.6	7.5	10	3	28
	1045	25	25	8±0.1	20±0.1	45	12.5	20	1x20	14	M2.6	3	7.5	10	3x10	3.5	6.5	4	6.6	2.5	4.1	5	-	2	M2.6	7.5	10	4	38
	2035	18	18	12±0.1	30±0.1	35	3.5	28	1x28	22	M3	5	10	15	1x15	5.5	11.5	6	12	3.5	6	5	-	2	M3	7.5	20	2	25
	2050	30	30	12±0.1	30±0.1	50	3.5	43	1x43	22	M3	5	10	15	2x15	5.5	11.5	6	12	3.5	6	7.5	-	2	M3	10	15	3	40
	2065	40	40	16±0.1	40±0.1	65	17.5	30	1x30	30	M4	7	15	25	3x15	7.5	15.5	8	16	4.5	7.5	5	11	4	M4	10	15	4	55
	*3055	30	30	16±0.1	40±0.1	55	7.5	40	1x40	30	M4	7	15	25	1x25	7.5	15.5	8	16	4.5	7.5	7.5	-	2	M4	10	35	2	60
	*3080	45	45	16±0.1	40±0.1	80	6.5	1x65	30	M4	7	15	25	2x25	7.5	15.5	8	16	4.5	7.5	6	12.5	4	M4	15	25	3	60	

*1 Depending on some production lot, the dimension may be 10.5.
*2 Depending on some production lot, the dimension may be 14.5.

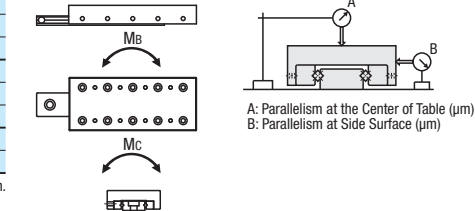
Ordering Example
Part Number
CRT3055

No.	CRT, CRTD		CRTS, CRTSD	
	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
1025	1 ~ 9 set(s)	10 sets ~	1 ~ 9 set(s)	10 sets ~
1035				
1045				
2035				
2050				
2065				
3055				
3080				

For orders larger than indicated quantity, please request a quotation.

No.	Allowable Static Moment			Basic Load Rating		Precision	
	MA N·m	MB N·m	MC N·m	C (Dynamic) N	Co (Static) N	Deflection A	Deflection B
1025	1.79	1.79	1.79	465	478	2	4
1035	4.18	4.18	3.59	807	956		
1045	5.38	5.38	4.48	962	1195		
2035	7.04	7.04	7.63	1101	1174		
2050	11.7	11.74	11.4	1521	1761		
2065	16.4	16.4	15.3	1908	2348		
3055	33.8	33.8	35.3	3617	4062	5	5
3080	60.9	60.9	58.9	5409	6770		

kgf=Nx0.101972



Part Number	Outline Dimensions			Table Mounting Hole Dimensions				Table Top Dimensions		Side Dimensions		Rail Mounting Hole Dimensions														
	Type	No.	Stroke (Reciprocating Motion)	H	W	L	G	MxF	P1	O1	la	N	P	MxP	l	a	b	h	C	t1	O2	P2	d	D	l1	l2
CRU	1025	12	12	17±0.1	30 ^{-0.2} _{-0.4}	25	3.5	-	10	M2	4	7.5	10	1x10	2.5	7	11	5.5	12	2.5	M2	22	2.5	4.5	3.5	18
	1035	18	18	17±0.1	30 ^{-0.2} _{-0.4}	35	4.5	1x10	10	M2	4	7.5	10	2x10	4.5	7	11	5.5	12	2.5	M2	22	2.5	4.5	3.5	28
	1045	25	25	17±0.1	30 ^{-0.2} _{-0.4}	45	12.5	2x10	10	M2	4	7.5	10	3x10	6	7	11	5.5	12	2.5	M2	22	2.5	4.5	3.5	38
	2035	18	18	21±0.1	40 ^{-0.2} _{-0.4}	35	3.5	-	15	M3	6	10	15	1x15	3	8	14	6.5	16	3.4	M2	30	3.5	6.5	5	25
	2050	30	30	21±0.1	40 ^{-0.2} _{-0.4}	50	17.5	1x15	15	M3	6	10	15	2x15	4.5	8	14	6.5	16	3.4	M2	30	3.5	6.5	5	40
	2065	40	40	28±0.1	60±0.1	65	17.5	2x15	25	M4	8	15	25	3x15	7	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	55
	3055	30	30	28±0.1	60±0.1	55	27.5	-	25	M4	8	15	25	1x25	5.5	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	60
	3080	45	45	28±0.1	60±0.1	80	27.5	1x25	25	M4	8	15	25	2x25	10.5	10.5	18.5	9	40	5.5	M3	40	4.5	8	10	60

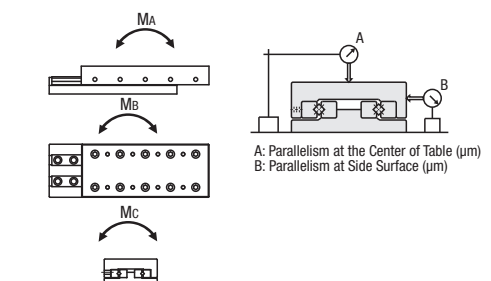
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Part Number
CRU3055

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	Unit Price	Volume Discount Rate
1025	1 ~ 9 set(s)	10 sets ~
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1045		
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3080	60.9	60.9	94.8	5409	6770		

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A: Parallelism at the Center of Table (μm)
B: Parallelism at Side Surface (μm)